

Machine Learning and the Future of AI

Machine Learning

Machine Learning is a subset of Artificial Intelligence (AI) that enables computers to learn from data and make predictions or decisions without being explicitly programmed to do so.

Machine Learning is a branch of AI that focuses on the development of algorithms that can learn from and make predictions on data. It is a key component of many modern AI applications, including image recognition, natural language processing, and recommendation systems.

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SAE level 4

Waymo
crash data
trade secret
data

SAE level 4

AlphaGo Zero

Leukotomy
Leukotomy
selfish gene

logical positivism
logical empiricism

Universal Approximation Theorem
Nash Embedding Theorems
word-embedding Vector Space

Deepmind
AlphaGo Zero

reward
Deepmind
Reward is Enough

A Treatise on Probability
causation

causation

causation

causation

- 1
- 2
- 3

“Confucius taught that marriage lies at the foundation of government.” causation

Marc Aurel Stein John Leighton Stuart

causation

causation

Demis Hassabis

causation

Totally Ordered Set

causation

causation

causation

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causation

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Are there really many worlds in the "Many-worlds interpretation" of Quantum Mechanics?the development of «decoherence theory» revealed that, using the standard formalism of quantum mechanics, macroscopically distinct branches of the wavefunction were almost entirely free from interference and evolve approximately classically almost

The Many-worlds Interpretation

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SAE level 4
SAE level 4
SAE level 5

1. [UTStarcom](#) のクラウド型 VoIP サービス
2. [Google Talk](#) を利用した音声通話サービス
3. WebEx、Zoom などを利用したオンライン会議サービス
4. Aldebaran Robotics の ARM ベースの Pepper ロボット

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Philosophiae Naturalis

Philosophiae
Naturalis scientia naturalis